

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-349740

(43)Date of publication of application : 15.12.2000

(51)Int.Cl.

H04J 13/00

H04B 7/216

H04B 7/26

H04Q 7/38

(21)Application number : 11-161166

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 08.06.1999

(72)Inventor : TODA TAKASHI

## (54) TRANSMITTER-RECEIVER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a transmitter-receiver that changes a transmission rate with a simple and small-scale hardware configuration and realizes continuous transmission power control even at a variable rate.

**SOLUTION:** An inverse spread section 105 applies inverse spread processing to a received signal for a prescribed integration period, a rate conversion section 106 changes a rate of the received signal after inverse spread processing by the software processing, a rate conversion section 117 changes a rate of a transmission base band signal in response to a data quantity to be sent, a spread section 118 conducts spread processing at a prescribed spread rate, a radio transmission section 119 decides a transmission power on the basis of a transmission power value at preceding transmission stored in a memory 120 and transmits a transmission signal that is spread-processed.

